ELSEVIER

Analytica Chimica Acta 545 (2005) 279–281

ANALYTICA CHIMICA ACTA

www.elsevier.com/locate/aca

# Author index

Abrams, S.M., see Song, L. 200
Acar, O.
Evaluation of V, Ir, Ru, V–Ir, V–Ru, and W–V as permanent chemical modifiers for the determination of cadmium, lead, and zinc in botanic and biological slurries by electrothermal atomic absorption spectrometry 244
Andricopulo, A.D., see Montanari, M.L.C. 33
Armenta, S.
—, Garrigues, S., de la Guardia, M. and Rondeau, P.
Attenuated Total Reflection-Fourier transform infrared analysis of the fermentation process of pineapple 99

Bailey, R.T., see Gillanders, R.N. 189
Barceló-Barrachina, E.
—, Santos, F.J., Puignou, L. and Galceran, M.T.
Comparison of dimethylformamide dialkylacetal derivatization reagents for the analysis of heterocyclic amines in meat extracts by gas chromatography–mass spectrometry 209
Belzile, N., see Chen, Y.-W. 142, 149
Błażejowski, J., see Pivovarenko, V.G. 74
Bos, M.
— and Vrielink, J.A.M.
The influence of scattering processes in quantitative X-ray fluorescence analysis 92

Cass, Q.B., see Montanari, M.L.C. 33
Cassella, R.J., see Oliveira, E.P. 85
Chang, Z., see Zhu, N. 21
Chen, Y.-W.
—, Zhou, M.-D., Tong, J. and Belzile, N.
Application of photochemical reactions of Se in natural waters by hydride generation atomic fluorescence spectrometry 142
Chen, Y.-W.
—, Zhou, X.-L., Tong, J., Truong, Y. and Belzile, N.
Photochemical behavior of inorganic and organic selenium compounds in various aqueous solutions 149
Cheng, X., see Wei, S. 65
Comtat, M., see Durliat, H. 173
Crilly, P.J., see Gillanders, R.N. 189
Cruz-Juarez, L., see Hendriks, M.M.W.B. 53

Davis, W., see Song, L. 200
De Bont, D., see Hendriks, M.M.W.B. 53
de la Guardia, M., see Armenta, S. 99
de la Guardia, M., see Llorent-Martínez, E.J. 113
Domínguez-Vidal, A., see Llorent-Martínez, E.J. 113
Durliat, H.
— and Comtat, M.
Critical evaluation of potentiometric redox titrations in enology 173

Fang, Y., see Zhu, N. 21
Fei, N.
—, Jiuru, L. and Weifen, N.
Chemiluminescence determination of indapamide using indapamide-imprinted polymer as recognition material 129

Galceran, M.T., see Barceló-Barrachina, E. 209
Gao, Y.
—, Tian, Y. and Wang, E.
Simultaneous determination of two active ingredients in *Flos daturae* by capillary electrophoresis with electrochemiluminescence detection 137
Garrigues, S., see Armenta, S. 99
Gaydou, E.M., see Randrianalijaona, J.-A. 46
Gedikbey, T., see Guray, T. 107
Gillanders, R.N.
—, Tedford, M.C., Crilly, P.J. and Bailey, R.T.
A composite thin film optical sensor for dissolved oxygen in contaminated aqueous environments 189
Guray, T.
—, Uysal, Ü.D., Gedikbey, T. and Huseyinli, A.A.
2,2′,3,4-Tetrahydroxy-3′-sulpho-5′-nitroazobenzene for spectrophotometric determination of aluminium in pharmaceutical suspensions and granite 107

Hall, R.D., see Hendriks, M.M.W.B. 53
Harrington, P.B., see Rearden, P. 13
He, P., see Zhu, N. 21
Hemiup, J., see Song, L. 200
Hendriks, M.M.W.B.
—, Cruz-Juarez, L., De Bont, D. and Hall, R.D.
Preprocessing and exploratory analysis of chromatographic profiles of plant extracts 53
Henson, M.J., see Zhang, L. 262
Houk, R.S., see Lim, H.B. 119
Hu, S., see Li, C. 122
Hu, W., see Pan, Z. 218
Huseyinli, A.A., see Guray, T. 107

Ibrahim, H.
Carbon paste electrode modified with silver thimerosal for the potentiometric flow injection analysis of silver(I) 158
Ikäheimonen, T.K., see Vesterbacka, P. 252

Jiang, D.-Q., see Wang, J.-X. 232
Jin, L., see Xu, H. 182
Jiuru, L., see Fei, N. 129
Jung, T., see Lim, H.B. 119

doi:10.1016/S0003-2670(05)01104-9

Kim, D., see Lim, H.B. 119
Kim, Y., see Lim, H.B. 119
Kong, H., see Zhu, S. 224

Latif Kazim, A., see Song, L. 200
Launay, J.
—, Pourciel-Gouzy, M.L., Sant, W., Martinez, A. and Temple-Boyer, P.
Optimisation of an electronic amplifier applied to electrolyte/insulator/semiconductor structure 195
Lee, J.
— and Park, S.-M.
Direct electrochemical assay of glucose using boron-doped diamond electrodes 27
Leitão, A., see Montanari, M.L.C. 33
Li, C.
—, Wang, C., Wang, C. and Hu, S.
Construction of a novel molecularly imprinted sensor for the determination of *O,O*-dimethyl-(2,4-dichlorophenoxyacetoxyl)(3′-nitrophenyl)methinephosphonate 122
Lim, H.B.
—, Kim, D., Jung, T., Houk, R.S. and Kim, Y.
A radiofrequency plasma in a polydimethylsiloxane (PDMS) microchip 119
Lin, J.-M., see Wei, S. 65
Llorent-Martínez, E.J.
—, Domínguez-Vidal, A., Ortega-Barrales, P., de la Guardia, M. and Molina-Díaz, A.
Implementation of multicommutation principle with flow-through multioptosensors 113
Lu, X., see Zhu, S. 224

Mahoney, M.C., see Song, L. 200
Mandiwana, K.L.
—, Panichev, N. and Molatlhegi, R.
The leaching of V(V) with $PO_4^{3-}$ in the speciation analysis of soil 239
Martinez, A., see Launay, J. 195
Massart, D.L., see Stanimirova, I. 1
Masson, P.
—, Orignac, D. and Prunet, T.
Optimization of selenium determination in plant samples by hydride generation and axial view inductively coupled plasma atomic emission spectrometry 79
Messerschmidt, J., see Weber, G. 166
Michael Cummings, K., see Song, L. 200
Mo, W., see Pan, Z. 218
Molatlhegi, R., see Mandiwana, K.L. 239
Molina-Díaz, A., see Llorent-Martínez, E.J. 113
Montanari, C.A., see Montanari, M.L.C. 33
Montanari, M.L.C.
—, Cass, Q.B., Andricopulo, A.D., Leitão, A. and Montanari, C.A.
Identification of chiral selectors for improved enantioseparation based on molecular interaction fields 33

Oliveira, E.P.
—, Santelli, R.E. and Cassella, R.J.
Direct determination of lead in produced waters from petroleum exploration by electrothermal atomic absorption spectrometry X-ray fluorescence using Ir–W permanent modifier combined with hydrofluoric acid 85
Orignac, D., see Masson, P. 79
Ortega-Barrales, P., see Llorent-Martínez, E.J. 113

Pan, Z.
—, Wang, L., Mo, W., Wang, C., Hu, W. and Zhang, J.
Determination of benzoic acid in soft drinks by gas chromatography with on-line pyrolytic methylation technique 218
Panichev, N., see Mandiwana, K.L. 239
Park, S.-M., see Lee, J. 27
Pivovarenko, V.G.
—, Wróblewska, A. and Błażejowski, J.
2-[4-(Dimethylamino)phenyl]-3-hydroxy-4*H*-chromene-4-one: A H-bond-sensitive fluorescent probe for investigating binary mixtures of organic solvents 74
Pourciel-Gouzy, M.L., see Launay, J. 195
Prunet, T., see Masson, P. 79
Puignou, L., see Barceló-Barrachina, E. 209

Ramanoelina, P.A.R., see Randrianalijaona, J.-A. 46
Randrianalijaona, J.-A.
—, Ramanoelina, P.A.R., Rasoarahona, J.R.E. and Gaydou, E.M.
Seasonal and chemotype influences on the chemical composition of *Lantana camara* L.. Essential oils from Madagascar 46
Rasoarahona, J.R.E., see Randrianalijaona, J.-A. 46
Rearden, P.
— and Harrington, P.B.
Rapid screening of precursor and degradation products of chemical warfare agents in soil by solid-phase microextraction ion mobility spectrometry (SPME–IMS) 13
Rondeau, P., see Armenta, S. 99

Sant, W., see Launay, J. 195
Santelli, R.E., see Oliveira, E.P. 85
Santos, F.J., see Barceló-Barrachina, E. 209
Sekulic, S.S., see Zhang, L. 262
Song, L.
—, Davis, W., Abrams, S.M., Hemiup, J., Latif Kazim, A., Michael Cummings, K. and Mahoney, M.C.
Sensitive and rapid method for the determination of urinary cotinine in non-smokers: an application for studies assessing exposures to second hand smoke (SHS) 200
Stanimirova, I.
—, Walczak, B. and Massart, D.L.
Multiple factor analysis in environmental chemistry 1

Tedford, M.C., see Gillanders, R.N. 189
Temple-Boyer, P., see Launay, J. 195
Tian, Y., see Gao, Y. 137
Tong, J., see Chen, Y.-W. 142, 149
Truong, Y., see Chen, Y.-W. 149

Uysal, Ü.D., see Guray, T. 107

Vesterbacka, P.
— and Ikäheimonen, T.K.
Optimization of $^{210}$Pb determination via spontaneous deposition of $^{210}$Po on a silver disk 252
Vrielink, J.A.M., see Bos, M. 92

Walczak, B., see Stanimirova, I. 1
Wang, C., see Li, C. 122
Wang, C., see Pan, Z. 218
Wang, D., see Xu, H. 182
Wang, E., see Gao, Y. 137
Wang, J.-X.
—, Jiang, D.-Q. and Yan, X.-P.
Development of a fiber-in-tube microextraction protocol for gas chromatography–electron capture detection of hexachlorocyclohexanes in water samples 232
Wang, L., see Pan, Z. 218
Weber, G.
— and Messerschmidt, J.
Signal enhancement in adsorptive stripping voltammetry of Pt by forced convection during the measurement step 166

Wei, S.
—, Zhao, L., Cheng, X. and Lin, J.-M.
Determination of naproxen with flow injection chemiluminescence of $Ru(bpy)_3^{2+}$–$PbO_2$ system and its application for the binding study of naproxen to protein 65
Weifen, N., see Fei, N. 129
Wróblewska, A., see Pivovarenko, V.G. 74
Wu, C., see Zhu, S. 224

Xing, J., see Zhu, S. 224
Xu, G., see Zhu, S. 224
Xu, H.
—, Zhang, W., Zhu, W., Wang, D., Ye, J., Yamamoto, K. and Jin, L.
Simultaneous determination of total homocysteine, cysteine and methionine in hypothyroid patients' plasma by liquid chromatography using platinum/poly(methyl violet) modified electrode 182

Yamamoto, K., see Xu, H. 182
Yan, X.-P., see Wang, J.-X. 232
Ye, J., see Xu, H. 182

Zhang, J., see Pan, Z. 218
Zhang, L.
—, Henson, M.J. and Sekulic, S.S.
Multivariate data analysis for Raman imaging of a model pharmaceutical tablet 262
Zhang, S., see Zhu, S. 224
Zhang, W., see Xu, H. 182
Zhao, L., see Wei, S. 65
Zhou, M.-D., see Chen, Y.-W. 142
Zhou, X.-L., see Chen, Y.-W. 149
Zhu, N.
—, Chang, Z., He, P. and Fang, Y.
Electrochemical DNA biosensors based on platinum nanoparticles combined carbon nanotubes 21
Zhu, S.
—, Lu, X., Xing, J., Zhang, S., Kong, H., Xu, G. and Wu, C.
Comparison of comprehensive two-dimensional gas chromatography/time-of-flight mass spectrometry and gas chromatography– mass spectrometry for the analysis of tobacco essential oils 224
Zhu, W., see Xu, H. 182